

7. LAMPIRAN

Lampiran 1. SNI Selai Buah

Syarat Mutu Selai Buah

No	Kriteria Uji	Satuan	Persyaratan
1	Keadaan		
	- bau	-	normal
	- rasa	-	normal
	- warna	-	normal
	- tekstur	-	normal
2	Padatan terlarut	% (b/b)	min. 65
3	Identifikasi buah (secara mikroskopis)	-	sesuai label
4	Bahan Tambahan		
	- pewarna tambahan	sesuai SNI 01-0222-1987	
	- pengawet		
	- pemanis buatan (sakarín & siklamat)	negatif	
5	Cemaran logam		
	- timbal (Pb)	mg/kg	maks. 1,5
	- tembaga (Cu)	mg/kg	maks. 10,0
	- seng (Zn)	mg/kg	maks. 40,0
	- timah (Sn)	mg/kg	maks. 40,0
6	Cemaran Arsen (As)	mg/kg	maks. 1,0
7	Cemaran Mikrobial		
	- angka lempeng total	koloni	maks. $5,0 \times 10^2$
	- bakteri bentuk E. coli	APM	< 3
	- kapang dan khamir	koloni	maks. 50

Sumber : SNI 01-3746-1995

Lampiran 2. Uji Normalitas Data Kadar Gula

Tests of Normality

lama_suhu	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
minggu_0	20R	,180	6	,200*	,966	6	,863
	30R	,282	6	,147	,827	6	,101
	40R	,286	6	,136	,873	6	,240
	20K	,192	6	,200*	,923	6	,527
	30K	,154	6	,200*	,970	6	,895
	40K	,292	6	,119	,817	6	,084
minggu_1	20R	,192	6	,200*	,904	6	,401
	30R	,167	6	,200*	,977	6	,938
	40R	,240	6	,200*	,809	6	,070
	20K	,175	6	,200*	,968	6	,878
	30K	,217	6	,200*	,931	6	,590
	40K	,184	6	,200*	,917	6	,482
minggu_2	20R	,289	6	,127	,834	6	,116
	30R	,264	6	,200*	,879	6	,262
	40R	,226	6	,200*	,872	6	,233
	20K	,255	6	,200*	,900	6	,372
	30K	,282	6	,146	,821	6	,091
	40K	,284	6	,142	,869	6	,222
minggu_3	20R	,333	6	,036	,855	6	,172
	30R	,333	6	,036	,866	6	,210
	40R	,235	6	,200*	,873	6	,240
	20K	,143	6	,200*	,986	6	,976
	30K	,274	6	,180	,841	6	,133
	40K	,189	6	,200*	,943	6	,687
minggu_4	20R	,333	6	,036	,849	6	,155
	30R	,333	6	,036	,860	6	,190
	40R	,291	6	,124	,786	6	,044
	20K	,275	6	,176	,909	6	,433
	30K	,268	6	,200*	,871	6	,230
	40K	,137	6	,200*	,992	6	,993
minggu_5	20R	,333	6	,036	,852	6	,164
	30R	,333	6	,036	,877	6	,257
	40R	,290	6	,126	,786	6	,044
	20K	,256	6	,200*	,862	6	,195
	30K	,260	6	,200*	,914	6	,462
	40K	,180	6	,200*	,955	6	,780

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 3. Uji Normalitas Data pH

Tests of Normality^b

lama_suhu	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
minggu_0	20R	,312	6	,070	,714	6	,009
	20K	,318	6	,058	,711	6	,008
	30R	,316	6	,062	,698	6	,006
	30K	,316	6	,062	,708	6	,007
	40R	,317	6	,060	,694	6	,005
	40K	,312	6	,069	,743	6	,017
minggu_1	20R	,316	6	,062	,701	6	,006
	20K	,318	6	,058	,715	6	,009
	30R	,318	6	,059	,691	6	,005
	30K	,315	6	,063	,697	6	,006
	40R	,316	6	,062	,697	6	,006
	40K	,317	6	,059	,691	6	,005
minggu_2	20R	,316	6	,062	,693	6	,005
	20K	,318	6	,058	,689	6	,005
	30R	,317	6	,060	,691	6	,005
	30K	,318	6	,058	,688	6	,005
	40R	,318	6	,058	,688	6	,005
	40K	,317	6	,060	,695	6	,006
minggu_3	20K	,314	6	,065	,711	6	,008
	30R	,333	6	,036	,827	6	,101
	30K	,319	6	,056	,693	6	,005
	40R	,318	6	,058	,689	6	,005
	40K	,317	6	,059	,693	6	,005
minggu_4	20R	,401	6	,003	,770	6	,031
	20K	,319	6	,056	,685	6	,004
	30R	,492	6	,000	,496	6	,000
	30K	,318	6	,057	,690	6	,005
	40R	,318	6	,057	,687	6	,004
	40K	,319	6	,056	,687	6	,005
minggu_5	20R	,492	6	,000	,496	6	,000
	20K	,311	6	,071	,747	6	,019
	30R	,492	6	,000	,496	6	,000
	30K	,310	6	,074	,723	6	,011
	40R	,286	6	,137	,743	6	,017
	40K	,319	6	,057	,720	6	,010

a. Lilliefors Significance Correction

b. minggu_3 is constant when lama_suhu = 20R. It has been omitted.

Lampiran 4. Uji Normalitas Data Aktivitas Antioksidan

Tests of Normality

lama_suhu	Kolmogorov-Smirnov ^a			Shapiro-Wilk			
	Statistic	df	Sig.	Statistic	df	Sig.	
minggu_0	20R	,180	6	,200*	,966	6	,863
	30R	,282	6	,147	,827	6	,101
	40R	,286	6	,136	,873	6	,240
	20K	,192	6	,200*	,923	6	,527
	30K	,154	6	,200*	,970	6	,895
	40K	,292	6	,119	,817	6	,084
minggu_1	20R	,192	6	,200*	,904	6	,401
	30R	,167	6	,200*	,977	6	,938
	40R	,240	6	,200*	,809	6	,070
	20K	,175	6	,200*	,968	6	,878
	30K	,217	6	,200*	,931	6	,590
	40K	,184	6	,200*	,917	6	,482
minggu_2	20R	,289	6	,127	,834	6	,116
	30R	,264	6	,200*	,879	6	,262
	40R	,226	6	,200*	,872	6	,233
	20K	,255	6	,200*	,900	6	,372
	30K	,282	6	,146	,821	6	,091
	40K	,284	6	,142	,869	6	,222
minggu_3	20R	,333	6	,036	,855	6	,172
	30R	,333	6	,036	,866	6	,210
	40R	,235	6	,200*	,873	6	,240
	20K	,143	6	,200*	,986	6	,976
	30K	,274	6	,180	,841	6	,133
	40K	,189	6	,200*	,943	6	,687
minggu_4	20R	,333	6	,036	,849	6	,155
	30R	,333	6	,036	,860	6	,190
	40R	,291	6	,124	,786	6	,044
	20K	,275	6	,176	,909	6	,433
	30K	,268	6	,200*	,871	6	,230
	40K	,137	6	,200*	,992	6	,993
minggu_5	20R	,333	6	,036	,852	6	,164
	30R	,333	6	,036	,877	6	,257
	40R	,290	6	,126	,786	6	,044
	20K	,256	6	,200*	,862	6	,195
	30K	,260	6	,200*	,914	6	,462
	40K	,180	6	,200*	,955	6	,780

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 5. Uji Normalitas Data Kadar Air

Tests of Normality

lama_suhu	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
minggu_0	20R	,282	6	,146	6	,025
	20K	,234	6	,200*	6	,635
	30R	,313	6	,068	6	,014
	30K	,307	6	,080	6	,023
	40R	,297	6	,107	6	,083
	40K	,300	6	,099	6	,065
minggu_1	20R	,193	6	,200*	6	,446
	20K	,191	6	,200*	6	,404
	30R	,286	6	,136	6	,037
	30K	,258	6	,200*	6	,480
	40R	,309	6	,076	6	,015
	40K	,281	6	,151	6	,119
minggu_2	20R	,316	6	,061	6	,037
	20K	,204	6	,200*	6	,612
	30R	,281	6	,151	6	,134
	30K	,271	6	,190	6	,152
	40R	,314	6	,065	6	,009
	40K	,269	6	,199	6	,175
minggu_3	20R	,333	6	,036	6	,213
	20K	,212	6	,200*	6	,530
	30R	,333	6	,036	6	,242
	30K	,229	6	,200*	6	,224
	40R	,304	6	,087	6	,076
	40K	,302	6	,093	6	,021
minggu_4	20R	,333	6	,036	6	,262
	20K	,268	6	,200*	6	,110
	30R	,333	6	,036	6	,123
	30K	,191	6	,200*	6	,451
	40R	,262	6	,200*	6	,113
	40K	,188	6	,200*	6	,517
minggu_5	20R	,333	6	,036	6	,261
	20K	,228	6	,200*	6	,722
	30R	,333	6	,036	6	,227
	30K	,195	6	,200*	6	,371
	40R	,241	6	,200*	6	,266
	40K	,275	6	,174	6	,097

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 6. Analisa Twoway ANOVA Kadar Gula

Perlakuan	Kadar Gula (°Brix)
Pemasakan 20 menit, Suhu Ruang	50,25 ± 0,44 a
Pemasakan 20 menit, Suhu Refrigerasi	50,36 ± 0,71 a
Pemasakan 30 menit, Suhu Refrigerasi	55,57 ± 0,69 b
Pemasakan 30 menit, Suhu Ruang	55,69 ± 0,82 b
Pemasakan 40 menit, Suhu Ruang	60,85 ± 1,83 b
Pemasakan 40 menit, Suhu Refrigerasi	60,89 ± 1,73 b

	Kadar Gula (°Brix)
Minggu ke-1	56,96 ± 2,91 a
Minggu ke-3	57,17 ± 2,88 a
Minggu ke-4	57,29 ± 2,83 a
Minggu ke-2	57,33 ± 2,78 a
Minggu ke-0	57,40 ± 2,83 a
Minggu ke-5	57,46 ± 2,77 a

Keterangan :

- Semua nilai merupakan nilai Mean ± Standar Deviasi
- Huruf yang berbeda menunjukkan ada beda nyata ($\leq 0,05$) dengan uji Twoway ANOVA pada tingkat kepercayaan 95% dengan uji Tukey's B

Analisa Twoway menunjukkan bahwa lama pemasakan menunjukkan adanya beda nyata terhadap kadar gula. Waktu pemasakan yang lebih lama menunjukkan kadar gula yang lebih tinggi. Sedangkan selama penyimpanan baik suhu ruang maupun suhu refrigerasi tidak menunjukkan adanya beda nyata dan kadar gula stabil selama penyimpanan.

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
lama_suhu	1.00	20R	36
	2.00	20K	36
	3.00	30R	36
	4.00	30K	36
	5.00	40R	36
	6.00	40K	36
mingguke_	1.00	minggu0	36
	2.00	minggu1	36
	3.00	minggu2	36
	4.00	minggu3	36
	5.00	minggu4	36
	6.00	minggu5	36

Descriptive Statistics

Dependent Variable: kadargula

lama_suhu	mingguke_	Mean	Std. Deviation	N
20R	minggu0	55.5000	.54772	6
	minggu1	55.5000	.54772	6
	minggu2	55.5000	.54772	6
	minggu3	55.0000	.00000	6
	minggu4	55.0000	.00000	6
	minggu5	55.0000	.00000	6
	Total		55.2500	.43916
20K	minggu0	55.6667	.81650	6
	minggu1	54.8333	.40825	6
	minggu2	55.6667	.81650	6
	minggu3	54.8333	.40825	6
	minggu4	55.5000	.54772	6
	minggu5	55.6667	.75277	6
	Total		55.3611	.71325
30R	minggu0	55.6667	1.50555	6
	minggu1	55.0000	1.09545	6
	minggu2	55.5000	.54772	6
	minggu3	56.0000	.00000	6
	minggu4	56.0000	.00000	6
	minggu5	56.0000	.00000	6
	Total		55.6944	.82183
30K	minggu0	55.6667	.75277	6
	minggu1	55.0833	1.02062	6
	minggu2	55.5000	.54772	6
	minggu3	55.5000	.54772	6
	minggu4	55.5000	.54772	6
	minggu5	56.1667	.25820	6
	Total		55.5694	.68819

Descriptive Statistics

Dependent Variable: kadargula

lama_suhu	mingguke_	Mean	Std. Deviation	N
40R	minggu0	61.0000	1.87083	6
	minggu1	60.8333	2.01660	6
	minggu2	60.7500	1.91703	6
	minggu3	61.0000	2.19089	6
	minggu4	60.7500	1.91703	6
	minggu5	60.7500	1.91703	6
	Total	60.8472	1.83155	36
40K	minggu0	60.9167	1.77247	6
	minggu1	60.5000	1.64317	6
	minggu2	61.0833	1.56258	6
	minggu3	60.6667	1.83485	6
	minggu4	61.0000	2.19089	6
	minggu5	61.1667	2.01660	6
	Total	60.8889	1.72838	36
Total	minggu0	57.4028	2.82797	36
	minggu1	56.9583	2.91149	36
	minggu2	57.3333	2.77746	36
	minggu3	57.1667	2.88097	36
	minggu4	57.2917	2.82685	36
	minggu5	57.4583	2.76554	36
	Total	57.2685	2.80401	216

Tests of Between-Subjects Effects

Dependent Variable: kadargula

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1422.009 ^a	35	40.629	27.246	.000
Intercept	708411.574	1	708411.574	475060.23	.000
lama_suhu	1403.690	5	280.738	188.263	.000
mingguke_	5.954	5	1.191	.799	.552
lama_suhu * mingguke_	12.366	25	.495	.332	.999
Error	268.417	180	1.491		
Total	710102.000	216			
Corrected Total	1690.426	215			

a. R Squared = .841 (Adjusted R Squared = .810)

Estimated Marginal Means

1. Grand Mean

Dependent Variable: kadargula

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
57.269	.083	57.105	57.432

2. lama_suhu

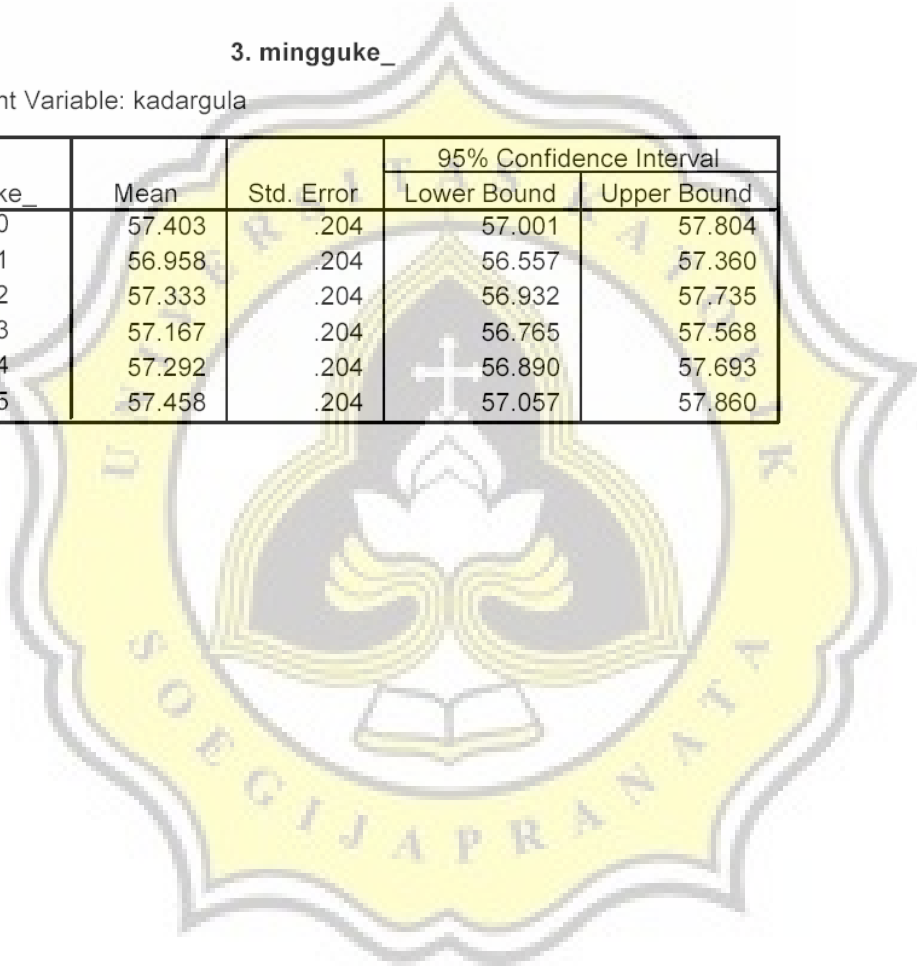
Dependent Variable: kadargula

lama_suhu	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
20R	55.250	.204	54.848	55.652
20K	55.361	.204	54.960	55.763
30R	55.694	.204	55.293	56.096
30K	55.569	.204	55.168	55.971
40R	60.847	.204	60.446	61.249
40K	60.889	.204	60.487	61.290

3. mingguke_

Dependent Variable: kadargula

mingguke_	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
minggu0	57.403	.204	57.001	57.804
minggu1	56.958	.204	56.557	57.360
minggu2	57.333	.204	56.932	57.735
minggu3	57.167	.204	56.765	57.568
minggu4	57.292	.204	56.890	57.693
minggu5	57.458	.204	57.057	57.860



4. lama_suhu * minggu_

Dependent Variable: kadargula

lama_suhu	minggu_	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
20R	minggu0	55.500	.499	54.516	56.484
	minggu1	55.500	.499	54.516	56.484
	minggu2	55.500	.499	54.516	56.484
	minggu3	55.000	.499	54.016	55.984
	minggu4	55.000	.499	54.016	55.984
	minggu5	55.000	.499	54.016	55.984
20K	minggu0	55.667	.499	54.683	56.650
	minggu1	54.833	.499	53.850	55.817
	minggu2	55.667	.499	54.683	56.650
	minggu3	54.833	.499	53.850	55.817
	minggu4	55.500	.499	54.516	56.484
	minggu5	55.667	.499	54.683	56.650
30R	minggu0	55.667	.499	54.683	56.650
	minggu1	55.000	.499	54.016	55.984
	minggu2	55.500	.499	54.516	56.484
	minggu3	56.000	.499	55.016	56.984
	minggu4	56.000	.499	55.016	56.984
	minggu5	56.000	.499	55.016	56.984
30K	minggu0	55.667	.499	54.683	56.650
	minggu1	55.083	.499	54.100	56.067
	minggu2	55.500	.499	54.516	56.484
	minggu3	55.500	.499	54.516	56.484
	minggu4	55.500	.499	54.516	56.484
	minggu5	56.167	.499	55.183	57.150
40R	minggu0	61.000	.499	60.016	61.984
	minggu1	60.833	.499	59.850	61.817
	minggu2	60.750	.499	59.766	61.734
	minggu3	61.000	.499	60.016	61.984
	minggu4	60.750	.499	59.766	61.734
	minggu5	60.750	.499	59.766	61.734
40K	minggu0	60.917	.499	59.933	61.900
	minggu1	60.500	.499	59.516	61.484
	minggu2	61.083	.499	60.100	62.067
	minggu3	60.667	.499	59.683	61.650
	minggu4	61.000	.499	60.016	61.984
	minggu5	61.167	.499	60.183	62.150

Post Hoc Tests

lama_suhu

Homogeneous Subsets

kadargula

Tukey B^{a,b}

lama_suhu	N	Subset	
		1	2
20R	36	55.2500	
20K	36	55.3611	
30K	36	55.5694	
30R	36	55.6944	
40R	36		60.8472
40K	36		60.8889

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.491.

a. Uses Harmonic Mean Sample Size = 36.000.

b. Alpha = .05.

mingguke_

Homogeneous Subsets

kadargula

Tukey B^{a,b}

mingguke_	N	Subset
		1
minggu1	36	56.9583
minggu3	36	57.1667
minggu4	36	57.2917
minggu2	36	57.3333
minggu0	36	57.4028
minggu5	36	57.4583

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 1.491.

a. Uses Harmonic Mean Sample Size = 36.000.

b. Alpha = .05.

Lampiran 7. Analisa Twoway ANOVA pH

Perlakuan	pH
Pemasakan 40 menit, Suhu Ruang	5,14 ± 0,98 a
Pemasakan 40 menit, Suhu Refrigerasi	5,17 ± 0,97 a
Pemasakan 20 menit, Suhu Refrigerasi	5,20 ± 0,94 a
Pemasakan 30 menit, Suhu Refrigerasi	5,20 ± 0,95 a
Pemasakan 30 menit, Suhu Ruang	5,41 ± 1,00 a
Pemasakan 20 menit, Suhu Ruang	5,43 ± 1,00 a

	pH
Minggu ke-0	3,88 ± 0,71 a
Minggu ke-1	5,05 ± 0,89 b
Minggu ke-2	5,22 ± 0,69 b
Minggu ke-3	5,42 ± 0,46 b
Minggu ke-4	5,84 ± 0,79 c
Minggu ke-5	6,14 ± 0,09 c

Keterangan :

- Semua nilai merupakan nilai Mean ± Standar Deviasi
- Huruf yang berbeda menunjukkan ada beda nyata ($\leq 0,05$) dengan uji Twoway ANOVA pada tingkat kepercayaan 95% dengan uji Tukey's B

Analisa data Twoway menunjukkan bahwa perlakuan lama pemasakan dan suhu penyimpanan baik pada suhu ruang maupun suhu refrigerasi tidak menunjukkan ada beda nyata terhadap pH. Sedangkan selama penyimpanan terjadi kenaikan pH sejak minggu pertama.

Univariate Analysis of Variance

Between-Subjects Factors

	Value Label	N	
mingguke_	1.00	minggu0	36
	2.00	minggu1	36
	3.00	minggu2	36
	4.00	minggu3	36
	5.00	minggu4	36
lama_suhu	6.00	minggu5	36
	1.00	20R	36
	2.00	20K	36
	3.00	30R	36
	4.00	30K	36
	5.00	40R	36
	6.00	40K	36

Descriptive Statistics

Dependent Variable: pH

mingguke_	lama_suhu	Mean	Std. Deviation	N
minggu0	20R	3.9150	.84221	6
	20K	3.9400	.76018	6
	30R	3.8800	.79980	6
	30K	3.9217	.78004	6
	40R	3.8417	.71759	6
	40K	3.8017	.69087	6
	Total		3.8833	.71159
minggu1	20R	5.1217	.95878	6
	20K	4.9700	.87003	6
	30R	5.1167	.98595	6
	30K	5.0200	.89107	6
	40R	5.1267	1.07008	6
	40K	4.9900	.94944	6
Total		5.0575	.88802	36
minggu2	20R	5.2300	.79972	6
	20K	5.2050	.73214	6
	30R	5.2350	.76868	6
	30K	5.2183	.75040	6
	40R	5.2133	.75587	6
	40K	5.1983	.67742	6
Total		5.2167	.69292	36
minggu3	20R	5.8200	.00000	6
	20K	5.2900	.36900	6
	30R	5.7900	.00632	6
	30K	5.2950	.39989	6
	40R	5.0683	.66276	6
	40K	5.2750	.43638	6
Total		5.4231	.46209	36

Descriptive Statistics

Dependent Variable: pH

mingguke_	lama_suhu	Mean	Std. Deviation	N
minggu4	20R	6.3817	.00983	6
	20K	5.5967	.90558	6
	30R	6.3717	.00408	6
	30K	5.5967	.90560	6
	40R	5.5283	.94757	6
	40K	5.5900	.89829	6
	Total	5.8442	.79011	36
minggu5	20R	6.1583	.00408	6
	20K	6.1733	.12094	6
	30R	6.0817	.00408	6
	30K	6.1633	.09873	6
	40R	6.0450	.05683	6
	40K	6.1917	.05672	6
	Total	6.1356	.08554	36
Total	20R	5.4378	1.00641	36
	20K	5.1958	.93699	36
	30R	5.4125	.99830	36
	30K	5.2025	.94633	36
	40R	5.1372	.98351	36
	40K	5.1744	.97117	36
	Total	5.2600	.97006	216

Tests of Between-Subjects Effects

Dependent Variable: pH

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	118.928 ^a	35	3.398	7.335	.000
Intercept	5976.307	1	5976.307	12900.094	.000
mingguke_	110.611	5	22.122	47.752	.000
lama_suhu	3.048	5	.610	1.316	.259
mingguke_ * lama_suhu	5.269	25	.211	.455	.989
Error	83.390	180	.463		
Total	6178.625	216			
Corrected Total	202.318	215			

a. R Squared = .588 (Adjusted R Squared = .508)

Estimated Marginal Means

1. Grand Mean

Dependent Variable: pH

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
5.260	.046	5.169	5.351

2. mingguke_

Dependent Variable: pH

mingguke_	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
minggu0	3.883	.113	3.659	4.107
minggu1	5.058	.113	4.834	5.281
minggu2	5.217	.113	4.993	5.441
minggu3	5.423	.113	5.199	5.647
minggu4	5.844	.113	5.620	6.068
minggu5	6.136	.113	5.912	6.359

3. lama_suhu

Dependent Variable: pH

lama_suhu	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
20R	5.438	.113	5.214	5.662
20K	5.196	.113	4.972	5.420
30R	5.413	.113	5.189	5.636
30K	5.203	.113	4.979	5.426
40R	5.137	.113	4.913	5.361
40K	5.174	.113	4.951	5.398

Post Hoc Tests

mingguke_

Homogeneous Subsets

pH

Tukey B^{a,b}

mingguke_	N	Subset		
		1	2	3
minggu0	36	3.8833		
minggu1	36		5.0575	
minggu2	36		5.2167	
minggu3	36		5.4231	
minggu4	36			5.8442
minggu5	36			6.1356

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .463.

a. Uses Harmonic Mean Sample Size = 36.000.

b. Alpha = .05.

lama_suhu

Homogeneous Subsets

pH

Tukey B^{a,b}

lama_suhu	N	Subset
		1
40R	36	5.1372
40K	36	5.1744
20K	36	5.1958
30K	36	5.2025
30R	36	5.4125
20R	36	5.4378

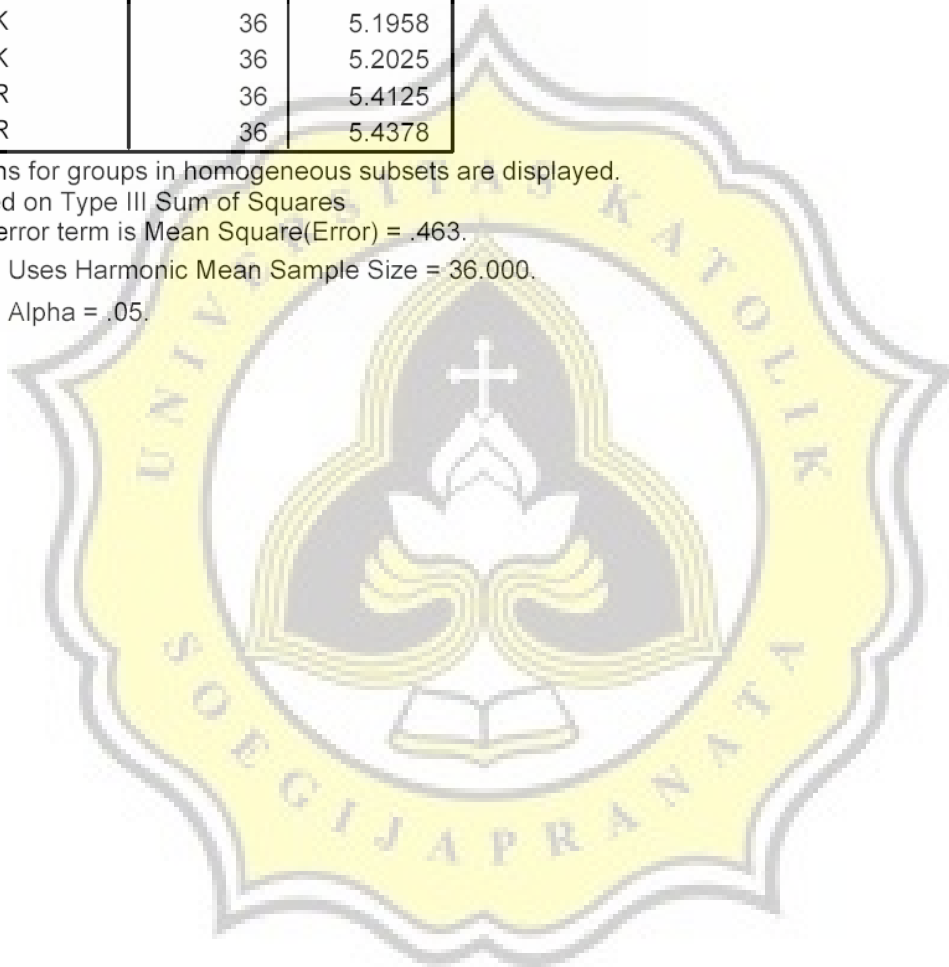
Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = .463.

a. Uses Harmonic Mean Sample Size = 36.000.

b. Alpha = .05.



Lampiran 8. Analisa Twoway ANOVA Aktivitas Antioksidan

Perlakuan	Antioksidan (% inhibition)
Pemasakan 20 menit, Suhu Ruang	16,05 ± 6,60 a
Pemasakan 30 menit, Suhu Ruang	16,30 ± 6,66 a
Pemasakan 40 menit, Suhu Ruang	19,10 ± 7,31 b
Pemasakan 20 menit, Suhu Refrigerasi	19,22 ± 7,49 b
Pemasakan 30 menit, Suhu Refrigerasi	20,11 ± 8,92 b
Pemasakan 40 menit, Suhu Refrigerasi	23,55 ± 7,48 c

	Antioksidan (% inhibition)
Minggu ke-0	26,70 ± 4,90 a
Minggu ke-1	24,00 ± 5,95 b
Minggu ke-2	21,74 ± 7,34 b
Minggu ke-3	17,85 ± 4,35 c
Minggu ke-4	13,44 ± 5,06 d
Minggu ke-5	10,61 ± 3,79 e

Keterangan :

- Semua nilai merupakan nilai Mean ± Standar Deviasi
- Tanda *superscript* yang berbeda menunjukkan ada beda nyata (≤ 0.05) pada tingkat kepercayaan 95% dengan uji Tukey's B

Berdasar analisa data yang dilakukan seperti terlihat di Tabel 5, perlakuan lama pemasakan 20 menit dan 30 menit penyimpanan suhu ruang tidak menunjukkan adanya beda nyata. Selai dengan lama pemasakan 40 menit penyimpanan suhu ruang tidak berbeda nyata dengan selai lama pemasakan 20 menit dan 30 menit penyimpanan suhu refrigerasi. Selai dengan lama pemasakan 40 menit yang disimpan pada suhu refrigerasi menunjukkan adanya beda nyata dengan selai lainnya.

Univariate Analysis of Variance

Between-Subjects Factors

	Value Label	N	
mingguke_	1.00	minggu0	36
	2.00	minggu1	36
	3.00	minggu2	36
	4.00	minggu3	36
	5.00	minggu4	36
	6.00	minggu5	36
lama_suhu	1.00	20R	36
	2.00	30R	36
	3.00	40R	36
	4.00	20K	36
	5.00	30K	36
	6.00	40K	36

Descriptive Statistics

Dependent Variable: antioxidant

mingguke_	lama_suhu	Mean	Std. Deviation	N
minggu0	20R	22.127150	3.1661338	6
	30R	26.392717	3.0208604	6
	40R	27.531100	3.4724246	6
	20K	30.190667	3.2199737	6
	30K	25.673167	5.4997263	6
	40K	28.265567	7.1533540	6
	Total		26.696728	4.8968918
minggu1	20R	21.879133	6.6555624	6
	30R	18.794450	5.7178487	6
	40R	25.560667	3.6759612	6
	20K	21.244350	5.7388281	6
	30K	28.535300	5.1109931	6
	40K	27.961083	2.1525554	6
	Total		23.995831	5.9480351
minggu2	20R	17.954367	5.5657734	6
	30R	17.400917	3.0418925	6
	40R	17.973167	1.6044377	6
	20K	21.437367	6.8326095	6
	30K	26.395300	10.2364887	6
	40K	29.284833	5.6466623	6
	Total		21.740992	7.3426634
minggu3	20R	16.510167	1.7711992	6
	30R	15.671217	2.4617976	6
	40R	16.927217	4.0470435	6
	20K	18.189467	2.8198657	6
	30K	15.072517	2.1424308	6
	40K	24.705900	4.4252317	6
	Total		17.846081	4.3486045

Descriptive Statistics

Dependent Variable: antioxidant

mingguke_	lama_suhu	Mean	Std. Deviation	N
minggu4	20R	9.890200	1.3553299	6
	30R	12.581217	.1589914	6
	40R	15.822200	8.4520278	6
	20K	12.035483	3.7803899	6
	30K	13.996967	6.3355355	6
	40K	16.325167	3.9714081	6
	Total	13.441872	5.0574701	36
minggu5	20R	7.934100	.3372753	6
	30R	6.970383	1.0293032	6
	40R	10.785383	4.4448353	6
	20K	12.258183	1.8384519	6
	30K	10.990633	2.5168631	6
	40K	14.729917	4.6219255	6
	Total	10.611433	3.7859553	36
Total	20R	16.049186	6.5971685	36
	30R	16.301817	6.6643411	36
	40R	19.099956	7.3109117	36
	20K	19.225919	7.4855028	36
	30K	20.110647	8.9205691	36
	40K	23.545411	7.4785258	36
	Total	19.055489	7.7811900	216

Tests of Between-Subjects Effects

Dependent Variable: antioxidant

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	9234.813 ^a	35	263.852	12.555	.000
Intercept	78432.122	1	78432.122	3732.124	.000
mingguke_	6994.255	5	1398.851	66.563	.000
lama_suhu	1365.277	5	273.055	12.993	.000
mingguke_ * lama_suhu	875.281	25	35.011	1.666	.031
Error	3782.775	180	21.015		
Total	91449.709	216			
Corrected Total	13017.587	215			

a. R Squared = .709 (Adjusted R Squared = .653)

Estimated Marginal Means

Grand Mean

Dependent Variable: antioxidant

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
19.055	.312	18.440	19.671

Post Hoc Tests

mingguke_

Homogeneous Subsets

antioxidant

Tukey B^{a,b}

mingguke_	N	Subset				
		1	2	3	4	5
minggu5	36	10.611433				
minggu4	36		13.441872			
minggu3	36			17.846081		
minggu2	36				21.740992	
minggu1	36				23.995831	
minggu0	36					26.696728

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 21.015.

a. Uses Harmonic Mean Sample Size = 36.000.

b. Alpha = .05.

lama_suhu

Homogeneous Subsets

antioxidant

Tukey B^{a,b}

lama_suhu	N	Subset		
		1	2	3
20R	36	16.049186		
30R	36	16.301817		
40R	36		19.099956	
20K	36		19.225919	
30K	36		20.110647	
40K	36			23.545411

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 21.015.

a. Uses Harmonic Mean Sample Size = 36.000.

b. Alpha = .05.

Lampiran 9. Analisa Twoway ANOVA Kadar Air

Perlakuan	Kadar Air (% <i>wet basis</i>)		
Pemasakan 40 menit, Suhu Ruang	50,26	± 2,90	a
Pemasakan 40 menit, Suhu Refrigerasi	50,53	± 3,51	a
Pemasakan 30 menit, Suhu Ruang	55,24	± 3,20	b
Pemasakan 20 menit, Suhu Refrigerasi	55,72	± 1,12	b
Pemasakan 30 menit, Suhu Refrigerasi	55,85	± 2,96	b
Pemasakan 20 menit, Suhu Ruang	56,21	± 1,02	b

	Kadar Air (% <i>wet basis</i>)		
Minggu ke-0	52,15	± 4,34	a
Minggu ke-5	53,84	± 3,06	b
Minggu ke-2	54,10	± 3,53	b
Minggu ke-1	54,26	± 3,91	b
Minggu ke-4	54,52	± 3,07	b
Minggu ke-3	54,95	± 3,44	b

Keterangan :

- Semua nilai merupakan nilai Mean ± Standar Deviasi
- Huruf yang berbeda menunjukkan ada beda nyata (≤ 0.05) dengan uji Twoway ANOVA pada tingkat kepercayaan 95% dengan uji Tukey's B

Selai dengan lama pemasakan 30 menit baik yang disimpan pada suhu ruang maupun suhu refrigerasi tidak berbeda nyata dengan sampel lama pemasakan 20 menit. Selai dengan lama pemasakan 40 menit berbeda nyata dengan sampel pemasakan 20 menit dan 30 menit. Suhu penyimpanan tidak berbeda nyata terhadap kadar air sampel.

Univariate Analysis of Variance

Between-Subjects Factors

		Value Label	N
lama_suhu	1.00	20R	36
	2.00	20K	36
	3.00	30R	36
	4.00	30K	36
	5.00	40R	36
	6.00	40K	36
mingguke_	1.00	minggu0	36
	2.00	minggu1	36
	3.00	minggu2	36
	4.00	minggu3	36
	5.00	minggu4	36
	6.00	minggu5	36

Descriptive Statistics

Dependent Variable: kadarair

lama_suhu	mingguke_	Mean	Std. Deviation	N
20R	minggu0	55.238000	.0713442	6
	minggu1	55.888833	1.3276428	6
	minggu2	55.598167	.8107953	6
	minggu3	57.303000	.4603090	6
	minggu4	57.191000	.5417143	6
	minggu5	56.024000	.0609163	6
	Total		56.207167	1.0191565
20K	minggu0	55.309833	.2547151	6
	minggu1	55.215833	.8500719	6
	minggu2	55.178667	.9331809	6
	minggu3	57.360167	.5838720	6
	minggu4	55.996667	1.1659824	6
	minggu5	55.282167	1.0045551	6
	Total		55.723889	1.1197190
30R	minggu0	51.627333	6.3545513	6
	minggu1	56.495167	2.1219885	6
	minggu2	56.001000	2.5835361	6
	minggu3	55.468667	.5026101	6
	minggu4	56.093000	.3955103	6
	minggu5	55.740000	.5055267	6
	Total		55.237528	3.2005660
30K	minggu0	52.557167	5.3417222	6
	minggu1	57.216667	3.0698952	6
	minggu2	55.565167	1.4236163	6
	minggu3	57.010333	1.5998197	6
	minggu4	56.786500	.3048322	6
	minggu5	55.964167	.9165940	6
	Total		55.850000	2.9643391

Descriptive Statistics

Dependent Variable: kadarair

lama_suhu	mingguke_	Mean	Std. Deviation	N
40R	minggu0	49.076000	2.8347383	6
	minggu1	49.983500	3.7195417	6
	minggu2	50.888167	3.8557511	6
	minggu3	51.215000	3.5583646	6
	minggu4	50.499167	1.8420629	6
	minggu5	49.903000	1.6357715	6
	Total	50.260806	2.9039859	36
40K	minggu0	49.065167	2.8434251	6
	minggu1	50.745833	4.3821958	6
	minggu2	51.373167	5.4642998	6
	minggu3	51.322167	3.9242410	6
	minggu4	50.527833	1.3858285	6
	minggu5	50.117500	2.7216374	6
	Total	50.525278	3.5115268	36
Total	minggu0	52.145583	4.3394349	36
	minggu1	54.257639	3.9093624	36
	minggu2	54.100722	3.5306613	36
	minggu3	54.946556	3.4432429	36
	minggu4	54.515694	3.0718227	36
	minggu5	53.838472	3.0562839	36
	Total	53.967444	3.6545748	216

Tests of Between-Subjects Effects

Dependent Variable: kadarair

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1669.797 ^a	35	47.708	7.146	.000
Intercept	629096.773	1	629096.773	94229.016	.000
lama_suhu	1398.465	5	279.693	41.894	.000
mingguke_	169.093	5	33.819	5.066	.000
lama_suhu * mingguke_	102.238	25	4.090	.613	.926
Error	1201.726	180	6.676		
Total	631968.295	216			
Corrected Total	2871.522	215			

a. R Squared = .582 (Adjusted R Squared = .500)

Estimated Marginal Means

1. Grand Mean

Dependent Variable: kadarair

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
53.967	.176	53.621	54.314

2. lama_suhu

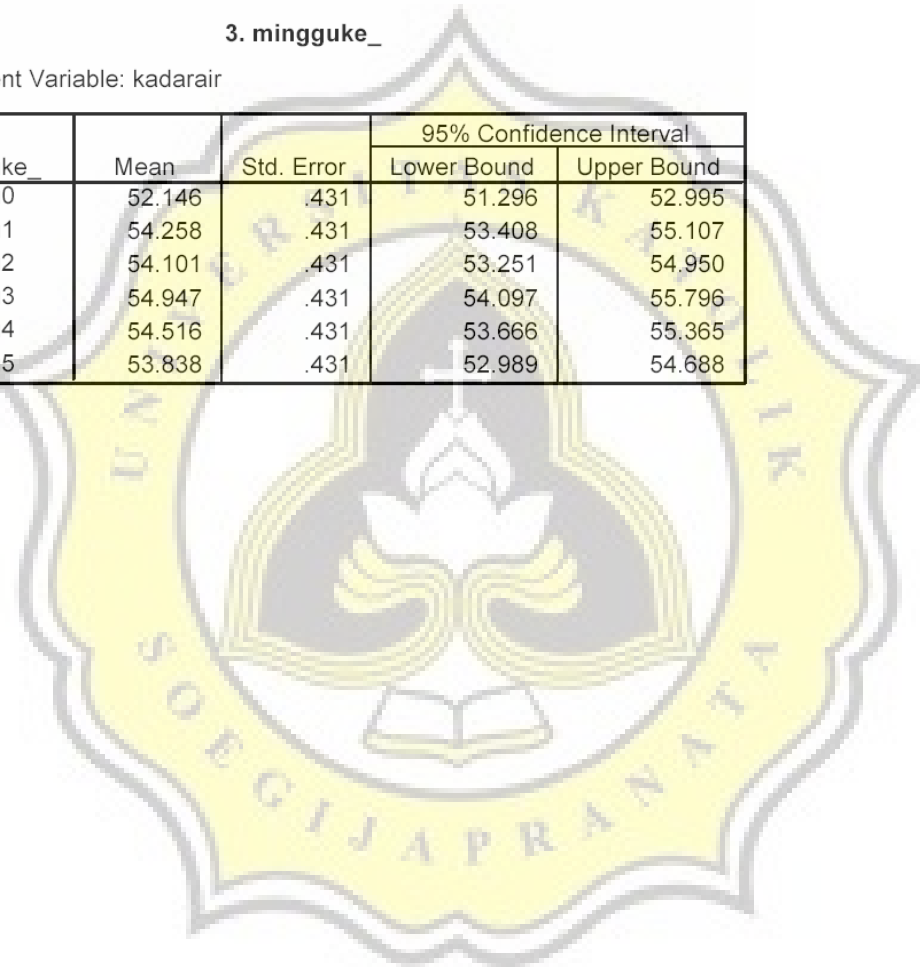
Dependent Variable: kadarair

lama_suhu	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
20R	56.207	.431	55.357	57.057
20K	55.724	.431	54.874	56.574
30R	55.238	.431	54.388	56.087
30K	55.850	.431	55.000	56.700
40R	50.261	.431	49.411	51.111
40K	50.525	.431	49.676	51.375

3. mingguke_

Dependent Variable: kadarair

mingguke_	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
minggu0	52.146	.431	51.296	52.995
minggu1	54.258	.431	53.408	55.107
minggu2	54.101	.431	53.251	54.950
minggu3	54.947	.431	54.097	55.796
minggu4	54.516	.431	53.666	55.365
minggu5	53.838	.431	52.989	54.688



4. lama_suhu * mingguke_

Dependent Variable: kadarair

lama_suhu	mingguke_	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
20R	minggu0	55.238	1.055	53.157	57.319
	minggu1	55.889	1.055	53.807	57.970
	minggu2	55.598	1.055	53.517	57.680
	minggu3	57.303	1.055	55.222	59.384
	minggu4	57.191	1.055	55.110	59.272
	minggu5	56.024	1.055	53.943	58.105
20K	minggu0	55.310	1.055	53.228	57.391
	minggu1	55.216	1.055	53.134	57.297
	minggu2	55.179	1.055	53.097	57.260
	minggu3	57.360	1.055	55.279	59.442
	minggu4	55.997	1.055	53.915	58.078
	minggu5	55.282	1.055	53.201	57.364
30R	minggu0	51.627	1.055	49.546	53.709
	minggu1	56.495	1.055	54.414	58.577
	minggu2	56.001	1.055	53.920	58.082
	minggu3	55.469	1.055	53.387	57.550
	minggu4	56.093	1.055	54.012	58.174
	minggu5	55.740	1.055	53.659	57.821
30K	minggu0	52.557	1.055	50.476	54.639
	minggu1	57.217	1.055	55.135	59.298
	minggu2	55.565	1.055	53.484	57.647
	minggu3	57.010	1.055	54.929	59.092
	minggu4	56.787	1.055	54.705	58.868
	minggu5	55.964	1.055	53.883	58.046
40R	minggu0	49.076	1.055	46.995	51.157
	minggu1	49.984	1.055	47.902	52.065
	minggu2	50.888	1.055	48.807	52.970
	minggu3	51.215	1.055	49.134	53.296
	minggu4	50.499	1.055	48.418	52.581
	minggu5	49.903	1.055	47.822	51.984
40K	minggu0	49.065	1.055	46.984	51.147
	minggu1	50.746	1.055	48.664	52.827
	minggu2	51.373	1.055	49.292	53.455
	minggu3	51.322	1.055	49.241	53.404
	minggu4	50.528	1.055	48.446	52.609
	minggu5	50.118	1.055	48.036	52.199

Post Hoc Tests

lama_suhu

Homogeneous Subsets

kadarairTukey B^{a,b}

lama_suhu	N	Subset	
		1	2
40R	36	50.260806	
40K	36	50.525278	
30R	36		55.237528
20K	36		55.723889
30K	36		55.850000
20R	36		56.207167

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 6.676.

- Uses Harmonic Mean Sample Size = 36.000.
- Alpha = .05.

mingguke_

Homogeneous Subsets**kadarair**Tukey B^{a,b}

mingguke	N	Subset	
		1	2
minggu0	36	52.145583	
minggu5	36		53.838472
minggu2	36		54.100722
minggu1	36		54.257639
minggu4	36		54.515694
minggu3	36		54.946556

Means for groups in homogeneous subsets are displayed.

Based on Type III Sum of Squares

The error term is Mean Square(Error) = 6.676.

- Uses Harmonic Mean Sample Size = 36.000.
- Alpha = .05.

Lampiran 10. Analisa One Way ANOVA Kadar Gula

Oneway - Kadar Gula

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
lama20ruang	Between Groups	2,250	5	,450	3,000	,026
	Within Groups	4,500	30	,150		
	Total	6,750	35			
lama20refrigerator	Between Groups	5,139	5	1,028	2,434	,058
	Within Groups	12,667	30	,422		
	Total	17,806	35			
lama30ruang	Between Groups	4,806	5	,961	1,531	,210
	Within Groups	18,833	30	,628		
	Total	23,639	35			
lama30refrigerator	Between Groups	3,701	5	,740	1,725	,159
	Within Groups	12,875	30	,429		
	Total	16,576	35			
lama40ruang	Between Groups	,451	5	,090	,023	1,000
	Within Groups	116,958	30	3,899		
	Total	117,410	35			
lama40refrigerator	Between Groups	1,972	5	,394	,115	,988
	Within Groups	102,583	30	3,419		
	Total	104,556	35			

Post Hoc Tests

Homogeneous Subsets

lama20ruang

Tukey B^a

minggu	N	Subset for alpha = .05	
			1
minggu ke-3	6	55,000000	
minggu ke-4	6	55,000000	
minggu ke-5	6	55,000000	
minggu ke-0	6	55,500000	
minggu ke-1	6	55,500000	
minggu ke-2	6	55,500000	

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama20refrigeratorTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-1	6	54,833333
minggu ke-3	6	54,833333
minggu ke-4	6	55,500000
minggu ke-0	6	55,666667
minggu ke-2	6	55,666667
minggu ke-5	6	55,666667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30ruangTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-1	6	55,000000
minggu ke-2	6	55,500000
minggu ke-0	6	55,666667
minggu ke-3	6	56,000000
minggu ke-4	6	56,000000
minggu ke-5	6	56,000000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30refrigeratorTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-1	6	55,083333
minggu ke-2	6	55,500000
minggu ke-3	6	55,500000
minggu ke-4	6	55,500000
minggu ke-0	6	55,666667
minggu ke-5	6	56,166667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama40ruangTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-2	6	60,750000
minggu ke-4	6	60,750000
minggu ke-5	6	60,750000
minggu ke-1	6	60,833333
minggu ke-0	6	61,000000
minggu ke-3	6	61,000000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama40refrigeratorTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-1	6	60,500000
minggu ke-3	6	60,666667
minggu ke-0	6	60,916667
minggu ke-4	6	61,000000
minggu ke-2	6	61,083333
minggu ke-5	6	61,166667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Lampiran 11. Analisa One Way ANOVA pH

Oneway - pH

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
lama20ruang	Between Groups	24,109	5	4,822	12,755	,000
	Within Groups	11,341	30	,378		
	Total	35,450	35			
lama20refrigerator	Between Groups	16,519	5	3,304	6,976	,000
	Within Groups	14,209	30	,474		
	Total	30,728	35			
lama30ruang	Between Groups	23,867	5	4,773	13,002	,000
	Within Groups	11,014	30	,367		
	Total	34,881	35			
lama30refrigerator	Between Groups	16,567	5	3,313	6,727	,000
	Within Groups	14,777	30	,493		
	Total	31,344	35			
lama40ruang	Between Groups	15,997	5	3,199	5,374	,001
	Within Groups	17,859	30	,595		
	Total	33,856	35			
lama40refrigerator	Between Groups	18,820	5	3,764	7,957	,000
	Within Groups	14,191	30	,473		
	Total	33,011	35			

Post Hoc Tests

Homogeneous Subsets

lama20ruang

Tukey B^a

minggu	N	Subset for alpha = .05			
		1	2	3	4
minggu ke-0	6	3,9150			
minggu ke-1	6		5,1217		
minggu ke-2	6		5,2300	5,2300	
minggu ke-3	6		5,8200	5,8200	5,8200
minggu ke-5	6			6,1583	6,1583
minggu ke-4	6				6,3817

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama20refrigeratorTukey B^a

minggu	N	Subset for alpha = .05		
		1	2	3
minggu ke-0	6	3,9400		
minggu ke-1	6		4,9700	
minggu ke-2	6		5,2050	5,2050
minggu ke-3	6		5,2900	5,2900
minggu ke-4	6		5,5967	5,5967
minggu ke-5	6			6,1733

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30ruangTukey B^a

minggu	N	Subset for alpha = .05		
		1	2	3
minggu ke-0	6	3,8800		
minggu ke-1	6		5,1167	
minggu ke-2	6		5,2350	
minggu ke-3	6		5,7900	5,7900
minggu ke-5	6		6,0817	6,0817
minggu ke-4	6			6,3717

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30refrigeratorTukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-0	6	3,9217	
minggu ke-1	6		5,0200
minggu ke-2	6		5,2183
minggu ke-3	6		5,2950
minggu ke-4	6		5,5967
minggu ke-5	6		6,1633

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama40ruangTukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-0	6	3,8417	
minggu ke-3	6		5,0683
minggu ke-1	6		5,1267
minggu ke-2	6		5,2133
minggu ke-4	6		5,5283
minggu ke-5	6		6,0450

Means for groups in homogeneous subsets are displayed.

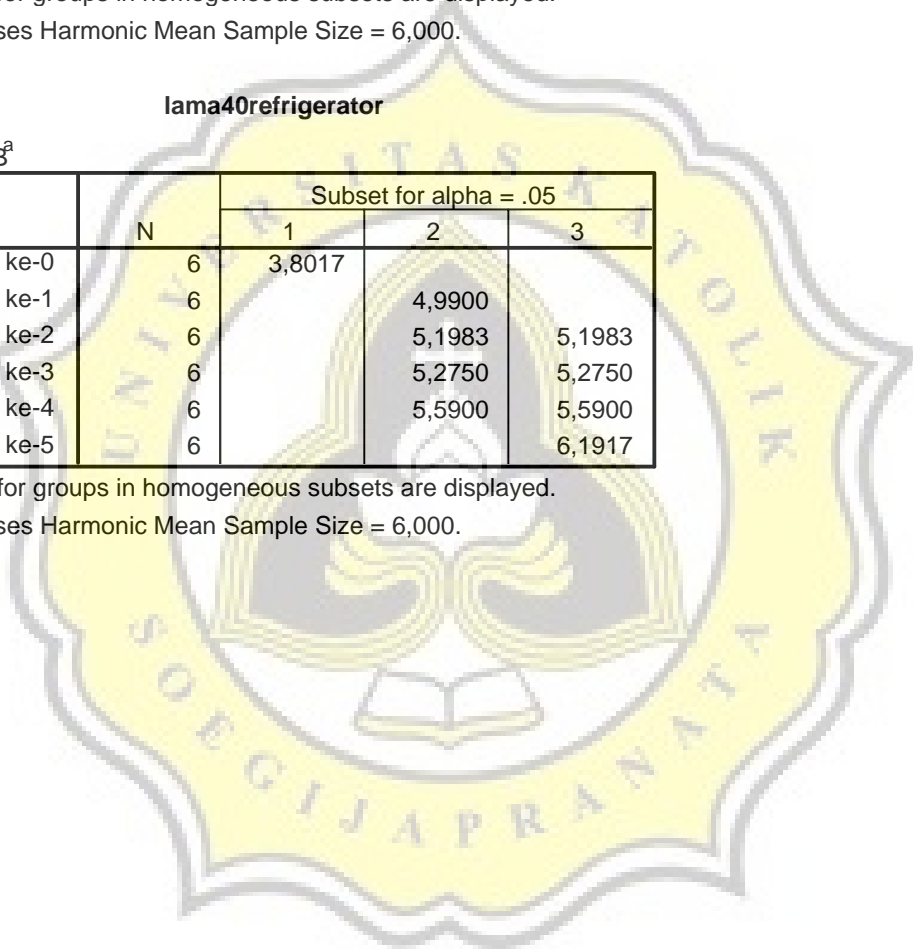
a. Uses Harmonic Mean Sample Size = 6,000.

lama40refrigeratorTukey B^a

minggu	N	Subset for alpha = .05		
		1	2	3
minggu ke-0	6	3,8017		
minggu ke-1	6		4,9900	
minggu ke-2	6		5,1983	5,1983
minggu ke-3	6		5,2750	5,2750
minggu ke-4	6		5,5900	5,5900
minggu ke-5	6			6,1917

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.



Lampiran 12. Analisa One Way ANOVA Aktivitas Antioksidan

Oneway - Aktivitas Antioksidan

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
lama20ruang	Between Groups	1071,359	5	214,272	14,224	,000
	Within Groups	451,933	30	15,064		
	Total	1523,292	35			
lama30ruang	Between Groups	1263,382	5	252,676	26,041	,000
	Within Groups	291,088	30	9,703		
	Total	1554,471	35			
lama40ruang	Between Groups	1192,147	5	238,429	10,541	,000
	Within Groups	678,583	30	22,619		
	Total	1870,730	35			
lama20refri	Between Groups	1383,097	5	276,619	14,356	,000
	Within Groups	578,049	30	19,268		
	Total	1961,146	35			
lama30refri	Between Groups	1724,087	5	344,817	9,749	,000
	Within Groups	1061,093	30	35,370		
	Total	2785,179	35			
lama40refri	Between Groups	1235,464	5	247,093	10,267	,000
	Within Groups	722,029	30	24,068		
	Total	1957,492	35			

Post Hoc Tests

Homogeneous Subsets

lama20ruang

Tukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-5	6	7,934100	
minggu ke-4	6	9,890200	
minggu ke-3	6		16,510167
minggu ke-2	6		17,954367
minggu ke-1	6		21,879133
minggu ke-0	6		22,127150

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30ruangTukey B^a

minggu	N	Subset for alpha = .05			
		1	2	3	4
minggu ke-5	6	6,970383			
minggu ke-4	6		12,581217		
minggu ke-3	6		15,671217	15,671217	
minggu ke-2	6		17,400917	17,400917	
minggu ke-1	6			18,794450	
minggu ke-0	6				26,392717

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama40ruangTukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-5	6	10,785383	
minggu ke-4	6	15,822200	
minggu ke-3	6	16,927217	
minggu ke-2	6	17,973167	
minggu ke-1	6		25,560667
minggu ke-0	6		27,531100

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama20refriTukey B^a

minggu	N	Subset for alpha = .05		
		1	2	3
minggu ke-4	6	12,035483		
minggu ke-5	6	12,258183		
minggu ke-3	6	18,189467	18,189467	
minggu ke-1	6		21,244350	
minggu ke-2	6		21,437367	
minggu ke-0	6			30,190667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30refriTukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-5	6	10,990633	
minggu ke-4	6	13,996967	
minggu ke-3	6	15,072517	
minggu ke-0	6		25,673167
minggu ke-2	6		26,395300
minggu ke-1	6		28,535300

Means for groups in homogeneous subsets are displayed.

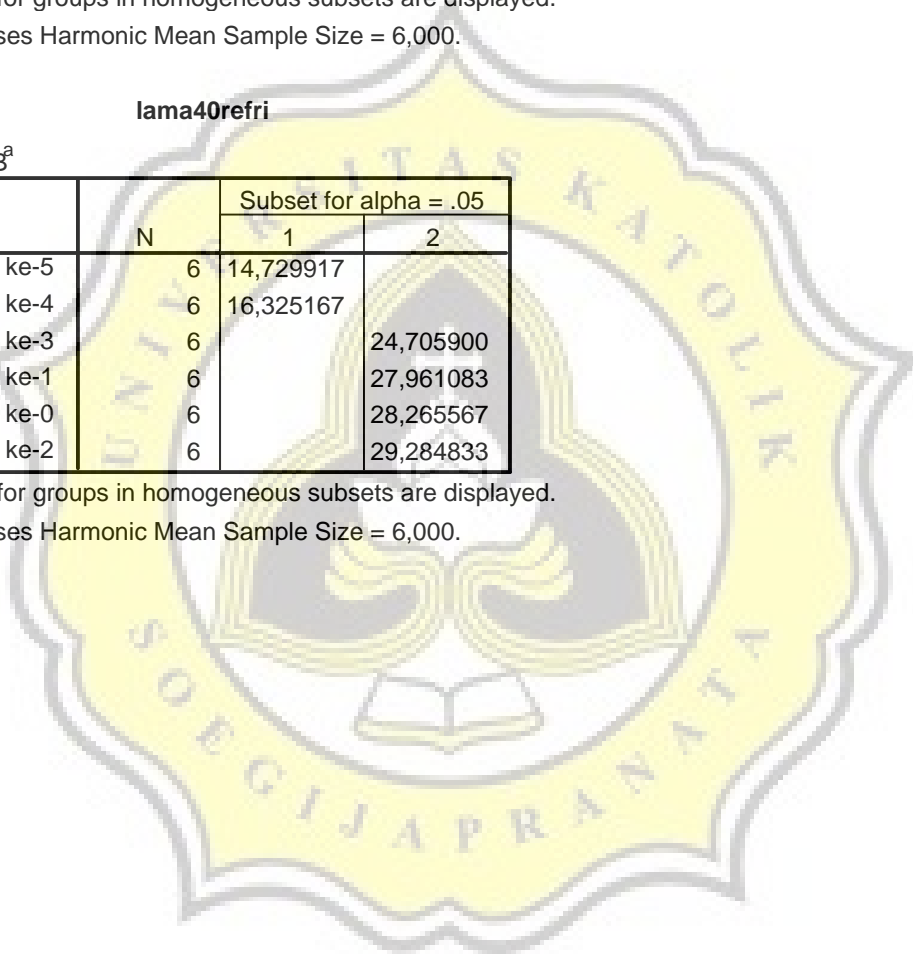
a. Uses Harmonic Mean Sample Size = 6,000.

lama40refriTukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-5	6	14,729917	
minggu ke-4	6	16,325167	
minggu ke-3	6		24,705900
minggu ke-1	6		27,961083
minggu ke-0	6		28,265567
minggu ke-2	6		29,284833

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.



Lampiran 13. Analisa One Way ANOVA Kadar Air

Oneway - Kadar Air

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
lama20ruang	Between Groups	21,683	5	4,337	8,868	,000
	Within Groups	14,671	30	,489		
	Total	36,354	35			
lama20refrigerator	Between Groups	22,043	5	4,409	6,056	,001
	Within Groups	21,839	30	,728		
	Total	43,882	35			
lama30ruang	Between Groups	97,415	5	19,483	2,238	,076
	Within Groups	261,112	30	8,704		
	Total	358,527	35			
lama30refrigerator	Between Groups	90,169	5	18,034	2,489	,053
	Within Groups	217,387	30	7,246		
	Total	307,556	35			
lama40ruang	Between Groups	17,817	5	3,563	,385	,855
	Within Groups	277,342	30	9,245		
	Total	295,160	35			
lama40refrigerator	Between Groups	22,205	5	4,441	,325	,894
	Within Groups	409,374	30	13,646		
	Total	431,579	35			

Post Hoc Tests

Homogeneous Subsets

lama20ruang

Tukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-0	6	55,238000	
minggu ke-2	6	55,598167	
minggu ke-1	6	55,888833	
minggu ke-5	6	56,024000	
minggu ke-4	6		57,191000
minggu ke-3	6		57,303000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama20refrigeratorTukey B^a

minggu	N	Subset for alpha = .05	
		1	2
minggu ke-2	6	55,178667	
minggu ke-1	6	55,215833	
minggu ke-5	6	55,282167	
minggu ke-0	6	55,309833	
minggu ke-4	6	55,996667	
minggu ke-3	6		57,360167

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30ruangTukey B^a

minggu	N	Subset for alpha = .05
		1
minggu ke-0	6	51,627333
minggu ke-3	6	55,468683
minggu ke-5	6	55,740000
minggu ke-2	6	56,001000
minggu ke-4	6	56,093000
minggu ke-1	6	56,495167

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama30refrigeratorTukey B^a

minggu	N	Subset for alpha = .05
		1
minggu ke-0	6	52,557167
minggu ke-2	6	55,565167
minggu ke-5	6	55,964167
minggu ke-4	6	56,786500
minggu ke-3	6	57,010333
minggu ke-1	6	57,216667

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama40ruangTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-0	6	49,076000
minggu ke-5	6	49,903000
minggu ke-1	6	49,983500
minggu ke-4	6	50,499167
minggu ke-2	6	50,888167
minggu ke-3	6	51,215000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

lama40refrigeratorTukey B^a

		Subset for alpha = .05
minggu	N	1
minggu ke-0	6	49,065167
minggu ke-5	6	50,117500
minggu ke-4	6	50,527833
minggu ke-1	6	50,745833
minggu ke-3	6	51,322167
minggu ke-2	6	51,373167

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

